



4032 Carbon Black

Description: 4032 is a medium particle size, low cost granular carbon black. 4032 has medium viscosity and jetness.

Chemical Type	Carbon Black	Constitution No.	77266
Color Index	Pigment Black 7	CAS No.	1333-86-4

Typical Chemical and Physical Properties

Iodine Absorption Number (g/kg)	77 - 87
DPB Absorption (cc/100g)	67 – 77
Surface Area (cm²/g)	78 - 88
Tinting Strength (%)	107 - 117
Particle Size (nm)	20 - 25
Heat Loss (% Max.)	2.5
Residue (150 mesh) (% Max.)	0.02
Tensile Strength (compared with SRB2#) (Min)	1.0
Extension % (compared with SRB2#) (Min)	(+) 20
Modulus at 300% (Mpa) (compared with SRB2#)	-1.30 – 1.30
Ash Content (% Max.)	0.5
Moisture Content (% Max.)	1.50

Applications

Plastics		Coatings		Inks		Other	
PVC	■	Decorative	■	Water Flexo		Paper	
PE	■	Automotive/Aerospace		Solvent Flexo		Rubber	
PP	■	Industrial	■	InkJet		Finger Paints	
PS	■	Powder	■	UV		Seed Coatings	
PET				Offset			

Fiber

Not Frequently Used Limited Recommended

Comments: 4032 is intended primarily for plastics and water based dispersions.

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